

RADNOTI, GY.

Analysis of the balancing of the gear with the crank of three-cylinder two-stroke diesel engines. II. p.57. (Jarmuvek Mezogazdasagi. Gepek. Budapest, Vol. 3, no. 2, Feb. 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

BALNCTI, G.

BALNCTI, G. Balance analysis of the crankshaft of three-cylinder two-stroke diesel engines. 1. (To be contd.) p. 20.

Vol. 3, No. 1, Jan. 1956
JARNYI F. BALNCTI, IASACI, LEAF.
TECHNICAL
Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

RADNOTI, Gy.

Analysis of the hydraulic differential gear shift. p. 335.

(JARMUVEK ES CEPEK, Budapest, Vol. 1, no. 11, Nov. 1954.)

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955,
Uncl.

RADNOTI, Gyozo

it occurred during the "Professional Counseling" by the
Scientific Association of the Machine Industry. Gepgyar-
tastechn 1 no. 6:235,240 S '61.

RADNOTI, I.

Investigations related to the border edge of needle fabrics. p. 213.

MAGYAR TEXTILTECHNIKA. (Textilipari Muszaki es Tudomanyos Egyesulet)
Budapest, Hungary, Vol. 11, no. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

RADNOTI, Imre, okleveles mernok

Cooling problems of sewing machine needles. Magy textil 14
no.5:200-202 My '62.

Radnóti, L.

Hungarian Technical Abst.
Vol. 5 No. 4 1953

49. Vegetable-tanned collagen fibres used in the manufacture of artificial leather - *Vöröskereszt kollagénrostok felhasználása műbőrgyártás előhöz.* - I. Lőránt and L. Radnóti. (Leather and Shoe Industry - *Bőr és Cipészemle* - Vol. 2, 1952, No. 6, pp. 183-188, 10 figs., 3 tabs.)

Due to the individual properties and specific structures of bark-tanned collagen fibres, a chemical modification is necessary. With the modification, the collagen fibres obtain a satisfactory specific surface without influencing the fibre length. A shredding operation precedes the chemical modification. For this purpose slicing is the most adequate. The sliced raw material is pulped in a Hollander. The chemical modification preceding slicing is primarily detanning. The vegetable tanned collagen fibres contain large quantities (35%) of tannin which cause closely connected bridge bonds, thus rendering the fibres unsuitable for pulping. Upon the removal of the tannin the bridge bonds between the peptide groups and tannins break up. This action can be best achieved by the use of basic materials. By rechroming subsequent to detanning the fibre resistance to shearing is increased and the sensitivity of vegetable tanned collagen fibres to heat is reduced. A further increase in fibre resistance can be obtained by

fat liquoring which at the same time has a good lubricating effect. Chemical modifications increase the resistance of fibres by 120% as compared to the untreated fibres. Chemical modification affords the opportunity to obtain a raw material from vegetable-tanned collagen fibres comparable to the best chrome-tanned collagen fibres used in the manufacture of artificial leather. P. Brugger

RADNOTI, L.

HUNG.

105. The utilization of condensation resins in the manufacture of fibre leather — L. Radnoti, (*Bőr és Cipőtechnika* — Vol. 4, 1954, No. 4, pp. 97—103, 7 figs.)

Bonding with synthetic resins (either by themselves or combined with synthetic latices) enhances the strength of Lefa type artificial leather sheets and ensures a broader use of fibre leather products. Polymeric substances prepared by condensation reactions may be classified (on the basis of their monomeric mother substances) as follows: (1) urea type resins, on the basis of urea-formaldehyde and melamine-formaldehyde; (2) phenolic type resins, on the basis of phenol and its homologues, regardless of whether resins based on urea or phenolic type novolaks are employed. In the fibre leather industry synthetic resins can be applied only in the form of aqueous dispersions. The resins can be dispergated by melting with water or peptizing with alkaline solutions. Vegetable tanned leather fibres bonded with 5 to 7% melamine based resin produce a leather substitute which possesses good water resistance and fine physical properties. The combination of chrome tanned leather fibres with melamine yielded poor results. An artificial leather which meets the requirements of excellent strength and flexural properties and satisfactory elasticity may be obtained by using 5—7% resol or 7—9% furfural base

(OVER) *[Handwritten signature]*

L. RADNOTI

resin, or 4-5% cresol base novolak combined with Igetex S₃ latices. The hygroscopic resistance of fibre leather sheets can be improved approx. 20-25% by the use of cresolic type novolak resins or approx 50% by the use of cresols. Resins prepared by the acid condensation of phenol-formaldehyde-novolak produce sheets of excellent strength properties but of poor extensibility and excessive brittleness, which prohibit their use. On the other hand phenolic type resins (without latex) are excellent bonding agents for sheets used in the manufacture of fancy goods and bags for industrial purposes; compactness, stiffness, bulk, good strength properties, good hygroscopic resistance and limited elasticity are the requirements which must be fulfilled.

RADNOTE, L.

92. Improving the quality of fibre leather — L. Rad-
nóti, L. Fenyő. (Bőr- és Cipőtechnika — Vol. 4,
1954, No. 6, pp. 181—185, 3 tabs.)

The conditions for producing a uniform, high-grade fibre leather are the following: adequate preparation of the raw material, grinding or shredding of the fibres, even distribution (precipitation) of the bonding material on the surface of the fibres, the formation of sheets, properly and gradually effected dewatering, and uniform drying. The extent of grinding is characterized by Schopper degrees. In order to obtain a high-grade product the fibres must be ground to 70—75 degrees for vegetable tanning. Fibre concentration should be max 1.8—2%, and the optimal temperature of the fibre suspension is 20—22° C.

cf
①

SAINTI, I.

SAINTI, I. Drillers of sticking with artificial leather made of filers.
(to be cont.) p. 131.

Vol. 1, No. 1, Nov. 1955.

ICR- IS CIPOTECHNIKA

TECHNOLOGY

Budapest, Hungary

So: Last European Accession, Vol. 5, No. 5, May 1966.

RADNOTI, LASZLO

H-34

HUNGARY/Chemical Technology - Chemical Products and Their
Application, Part 4. - Leather, Furs, Gelatin,
Tanning Agents, Industrial Proteins.

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 23646

Author : Laszlo Radnoti

Inst : -

Title : Problems of Sizing at Selecting Artificial Leathers.

Orig Pub : Bőr es cipőtechn., 1956, 6, No 1, 7-10

Abstract : The strength of artificial leathers produced using various
fibers (cellulose, leather fibers of chromium and vegeta-
ble tanning) and various binders (Igetex S₃) is discussed.

Card 1/1

RADNOTY, L.

Congress of leather chemists in 1956 in Vienna. p. (3) of cover.
BOR- ES GIPOTECHNIKA (Boripari Tudományos Egyesület mint a Magyar
Tudományos Egyesületek Szövetsége Tagegyesülete) Budapest, Vol. 6,
No. 4, Aug. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

RADNOTI, L.

Evaluation of the quality of synthetic leathers used in the shoe industry. p. 79. BCR - ES CIPOTECHNIKA (Boripari Tudományos Egyesület mint a Magyar Tudományos Egyesületek Szövetsége Társasága) Budapest, Vol. 6, No. 4, Aug. 1956.

SOURCE: EEAL - LC Vol. 5 No. 11 Nov. 1956

RADNOTI, L.

General meeting of the Hungarian Academy of Sciences in 1956, p. 96,
FOR- ES GIPOTECHNIKA (Boripari Tudományos Egyesület mint a Magyar
Tudományos Egyesületek Szövetsége Tagyesulete) Budapest, Vol. 6,
No. 4, Aug. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

RADNOTI, L.

RADNOTI, L. A conference on the needs for chemicals in light industry. p. 119.

Vol. 6, no. 5, Sept 1956

BOR-ES CIPOTECHNIKA

TECHNOLOGY

Budapest, Hungary

SO: East European Accession Vol. 6, no. 3, March 1957

RADNÓTI, LASZLO

HUNGARY/Chemical Technology, Chemical Products and Their
Application, Part 4. - Leather, Furs, Gelatin,
Tanning Agents, Industrial Proteins.

H-35

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34833.

Author : László Radnóti, György Vágó, Kálmán Fekete.
Inst : Not given.
Title : Retanning of Vegetably Tanned Leather Fibers in
Leather Board Manufacture.

Orig Pub: Bőr- és cipőtechnika, 1957, 7, No 2, 47-50.

Abstract: Waste leather was retanned with Al and Cr salts after
the tannides had been removed. For example, a 10 to
15%-ual $Al_2(SO_4)_3$ solution was alkalized with soda
to the alkalinity of 25 to 30% at 35 to 40° before the
tannage; in order to avoid the formation of Al soap,
leather should be washed thoroughly before oiling.

Card : 1/2

16

LORANT, Ivan; RADNOTI, Laszlo

Gluing the synthetic leather bark in the shoe. Bor cipo 10
no.2:59-61 Mr '60.

1. Boripari Kutato Intezet. 2. "Bor- es Cipotechnika"
szerkeszto bizottsagi tagja (for Lorant).

IGNACZ, Janos; NAGY, Mihaly; LORANT, Ivan; RADNOTI, Laszlo; TAKACS, Kalman

Manufacturing joined leatherboards from splits and split waste materials. Bor cipo 10 no.3:77-80 My '60.

1. Ujpesti Borgyar (for Ignacz and Nagy).
2. Boripari Kutato Intezet (for Lorant and Radnoti).
3. Boripari Igazgatosag (for Takacs).

LORANT, Ivan; RADNOTI, Laszlo; GAAL, Pal

Manufacture and use of bottom fillers in the shoe industry. Bor
cipo 10 no.4:97-99 J1 '60.

1. Boripari Kutato Intezet (for Lorant and Radnoti). 2. Hungaria
Papirlemezgyar (for Gaal).

LORANT, Ivan, dr.; RADNOTI, Laszlo; GAAL, Pal

Suitcase fiberboard manufacture in Hungary. Bor cipo 11
no.1:29-3 of cover Ja '61.

1. Boripari Kutato Intezet (for Lorant and Radnoti).
2. Hungaria Papirlemezgyar (for Gaal).
3. "Bor- es Cipotechnika" szerkeszto bizottsagi tagja (for Lorant).

RADNOTI, Laszlo (Budapest); WEITZNER, Peter (Budapest)

Novelties at the London Exhibition of Plastics Industry. Bor cipo 11
no.6:176-181 N '61.

1. Boripari Kutato Intezet, Budapest (for Radnoti) 2. Rakospalotai
Bor- es Muanyagfeldolgozo Vallalat. (for Weitzner)

WEITZNER, Peter; RADNOTI, Laszlo

New products of the shoe industry at the London International Exhibition of Synthetic Materials. Musz elet 16 no.18:6 '61.

RADNOTI, Ladislav; WEITZNER, Peter

Plastic material heels. Industria usoara 9 no.10:428-434 0 '62.

1. Institutul de cercetari pielarie-incaltaminte si blanarie, Budapesta (for Radnoti). 2. Fabrica pentru prelucrarea obiectelor din piele si din materiale plastice, Rakospalota-Budapesta (for Weitzner).

RADNOTI, Laszlo; WEITZNER, Peter

Plastic pickers and their preparation in Hungary. Bor cipo 12 no.1:
27-29 Ja '62.

1. Boripari Kutato Intezet(for Radnoti). 2. Rakospalotai Bor- es
Muanyagfeldolgozo V.(for Weitzner).

(Hungary—Pickers(Weaving))
(Polymers and polymerization)

WEITZNER, Peter; RADNOTI, Laszlo

Preparation of plastic pickers. Magy textil 14 no.1:28-31 Ja '62.

1. Rakospalotai Bor- es Muanyagfeldolgozo V. (for Weitzner) 2. Boripari
Kutato Intezet. (for Radnoti).

(Pickers(Weaving)) (Plastics)

RADNOTI, Laszlo; WEITZNER, Peter

What have we seen at the International Plastics Exhibition in London?
Bor cipo 13 no.6:182-186 N '63.

1. Boripari Kutato Intezet (for Radnoti). 2. Rakespaletai Bor- es
Muanyagfeldolgozo Vallalat (for Weitzner.).

RADNOTI, Laszlo

Quality selection of artificial leather used in the shoe industry.
Industria usoara 11 no.2:60-64 F '64.

1. Asociata Stiintifica a Industriei de Pielarie, Budapesta.

4/10/77 00000

Artificial leathers used in the manufacture of work protection
articles and in the garment industry. Industria usara II
no.11:600-800 4 '61.

1. Leather Research Institute, Budapest.

... .., Peter

... .. leather substituting plastics in the field of
industrial safety. For cipo 14 no. 2:62-3 hr 14.

1. Research Institute of the Leather Industry, Budapest (for
... ..). 2. Rakospalota Leather and Plastic Processing
Enterprise, Rakospalota (for Weitzer).

LORANT, Ivan, dr.; RADNOTI, Laszlo

Fatigue of fiber synthetic leather products. Bor cipo 14 no.5:
141-146 S '64

1. Research Institute of Leather Industry, Budapest. 2. Editorial
board member, "Bor- es Cipotechnika "(for Lorant).

LORANT, Ivan, dr.; RADNOTI, Laszlo

Application of chemical methods in the formation of leather-
boards. Bor cipo 14 no.6:179-182 N '64.

1. Research Institute of Leather Industry, Budapest.
2. Editorial board member, "Bor- és Cipotechnika" (for Lorant).

ENH011, Lasele

International Leather Fair in London. For info 14 Oct. 64
190-192 N. 100.

1. Research Institute of Leather Industry, Budapest.

RADNOTI, Magda, prof., Dr.

The cure of myopia by polishing the cornea. Elet tud 19
no. 95:1675 28 Aug '64.

1. Director, Noel Eye Clinic, Budapest Medical University.

RADNOTI-RECHT, Istvan; HELL, Ferenc.

Radiological diagnosis of rheumatic carditis without symptoms
in children. Gyermekgyógyászat 5 no.3:92-96 Mr '54. (KHAL 3:8)

1. Szövetseg-utcai kórház és Budapest Főváros X. ker. Tanács
Gyermekgyógyászati Szakrendelésének (vezető: dr. Radnoti-Recht
István főorvos) és Röntgenintézetének (vezető: Hell Ferenc dr.
főorvos) közleménye.

(RHEUMATIC HEART DISEASE, diag.

*x-ray in child.)

EXCERPTA MEDICA Vol. 14 Vol. 10/4 Radiology Apr 56

631. RADNÓTI-RECHT L. and HELL F. Päd. Ordination und Röntgeninst. X. Bezirks, Budapest. *Die Röntgendiagnostik der im Kindesalter auftretenden symptomarmen rheumatischen Karditis. Roentgenological diagnosis of the symptom-poor rheumatic carditis occurring in childhood MSCHR. KINDERHEILK. 1955, 103/5 (274-275). There are 2 roentgenological signs which are of valuable aid in the early diagnosis of rheumatic carditis: dilatation of the left atrium and the Valsalva test. Among 178 children with the disease, one-third showed these signs. Absence of these signs constitutes no argument against carditis, but their presence is a strong argument in favour. Of 200 healthy control children, none showed these roentgen signs. Urban - Düsseldorf (VII).

RADNOTI-RECHT, Istvan, dr.

Instructions for ambulatory therapy of bronchial asthma in children.
Gyermekegygyaszat 12 no.12:356-365 D '61.

1. Szövetseg utcai Korhaz - Rendelointezet Gyermekegygyaszat rendelese.

(ASTHMA in inf & child)

RADNOTI-RECHT, Istvan, dr.

What are the causes of the cold? Elet tud 15 no.44:1378
30 0 '60.

1. Foervos.

RADNOTI-RECHT, Istvan, Dr.

Bronchial asthma and allergic balance in childhood. Gyermekgyógyászat
9 no.8-9:242-257 Aug-Sept 58.

1. A Szovetseg utcai Korhaz-Rendelointezet Gyermekallergiás rendeles-
enek (Foorvos: Dr. Radnoti-Recht Istvan) kozlemenye.

(ASTHMA, in inf. & child
etiol. role of bact. allergens, theory of allergic
balance & ther. (Hun))

RADNOTI RECHT, Ivan, dr.

Cough. Elet tud 15 no.15:459-462 10 Ap '60.

1. Fovarosí Tanács gyermek-allergiás rendelőjének főorvosa,
Budapest.

RADNOTOVA, M.

Relation of gonadal function to function of the visual organ. Cesk.
ofth. 9 no.5:353-356 Oct 1953. (CML 25:5)

1. Of the First Eye Clinic (Head--Prof. Radnotova, M.D.) of Budapest
University.

JANJIC, Tomislav J.; CELAP, Milenko B.; ARMBIC, Leposava; RADNOVIC,
Ljiljana D.

Semiquantitative determination of microamounts of ions by
visual colorimetry of spots obtained with the aid of partition
paper chromatography. pt. 2. Glas hem dr 28 no.3/4:201-204 '63

1. Faculty of Natural Sciences and Mathematics, Chemical Institute,
Belgrade.

RADO, Aladar, okleveles banyamernok (Pecs)

Emil Grobel, 1884-1959; obituary. Bany lap 93 no.3:211-212
Mr '60.

RADO, Aladar; SZENCZY, Gyula; REMENYI, V.; BALLA, Laszlo; HORVATH, Imre,
okleveles foldmeromernok; JAKOBYNE

Society news. Bany lap 95 no.10:694-697 0 '62.

1. "Banyaszati Lapok" szerkeszto bizottsagi tagja (for Rado).
2. Mecseki Banyamero Szakcsoport titkara (for Horvath). 3. Dorogi Szenbanyaszati Troszt Muszaki Osztalyanak csoporttitkara (for Szenczy).

SZABO, Pal Zoltan; JONAS, Klara, dr.; VARADI, Gyorgy; BIRO, Antal;
UPOR, Endre; RADO, Aladar; CZIRJAK, Imre; KOVACS, Jenő;
VALKO, Endre, dr.; ADONYI, Ivan; FODOR, Gyorgy; OSZETZKY,
Egon; KALMAR, Pal; DANYI, Dezső; GYORGY, Karoly; OVARI, Antal;
PHILIP, Miklos; BAKAI, Laszlo; JOO, Oszkarne; SZITAS, Lajos;
HELLENYI, Miksa; KOLTA, Janos.

Formation of an uniform country organization for the Federa-
tion of Technical and Scientific Associations. Pecsí musz-
szeml 8 no.4:19-23 O-D'63.

1. "Pecsi Muszaki Szemle" foszerkesztoje (for Fodor).
2. "Pecsi Muszaki Szemle" szerkesztoje (for Hellenyi, Kolta
and Oszetzky).

EMBER, Kalman, dr.; PALOVICS, Pal; DOBOS, Gyorgy, dr.; ELES, Laszlo;
GAGYI Palfy, Andras, dr.; RADO, Aladar; SAFAR, Laszlo; SERFOZO,
Ivan

Report on the Executive Committee session of the National
Hungarian Mining and Metallurgical Society, Inota, December 7,
1963. Bany lap 97 no. 2:133-140 F '64.

1. Orszagos Magyar Banyaszati es Kohaszati Egyesulet alelnoke
(for Ember).
2. "Banyaszati Lapok" szerkeszto bizottsagi tag a (for Gagy
Palfy and Rado).

RADO, Alexander

Fuehrer durch die Sowjetunion. [Guide to the Soviet Union]. Herausgegeben von der Gesellschaft für Kulturverbindung der Sowjetunion mit dem Auslande. Berlin Neuer deutscher Verlag, 1928. 897 p. fold, maps, fold, plans.

"An expanded version of the English Guide covering the whole Union. The best guide available, though in many particulars now quite out of date."

DLC: DK16.R3

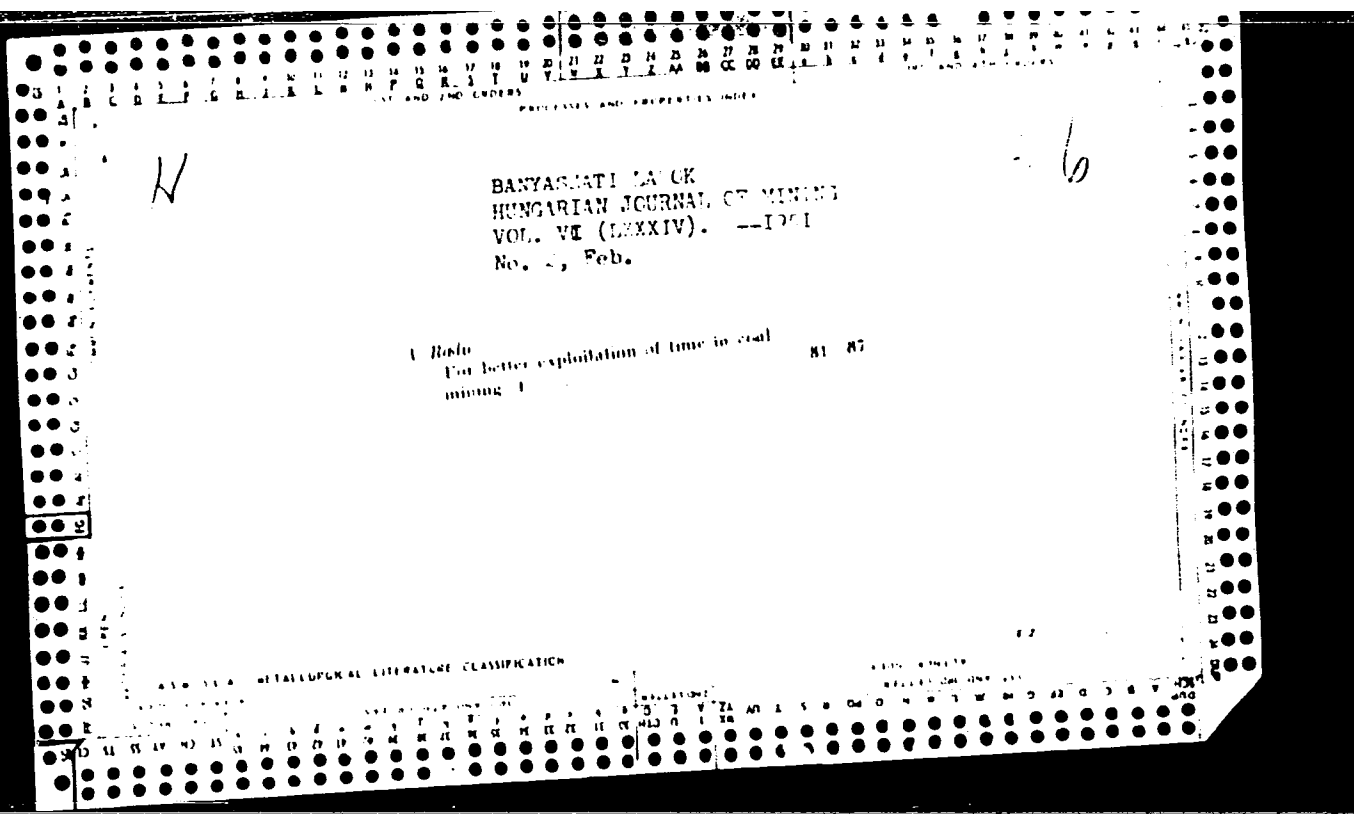
Guide to the Soviet union; produced by the SSSR Society for Cultural Relations with foreign countries. Moscow, State publishing department of the RSFSR, 1925. 353 p. incl. maps, plans, diagr. 7 fold.

DLC: DK16.R35 1925

Guide-book to the Soviet Union. Issued by the Society for Cultural Relations of the Soviet Union with foreign countries. Berlin, Neuer deutscher Verlag, 1928. 855 p. fold, maps.

DLC: DK16.R35 1928

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.



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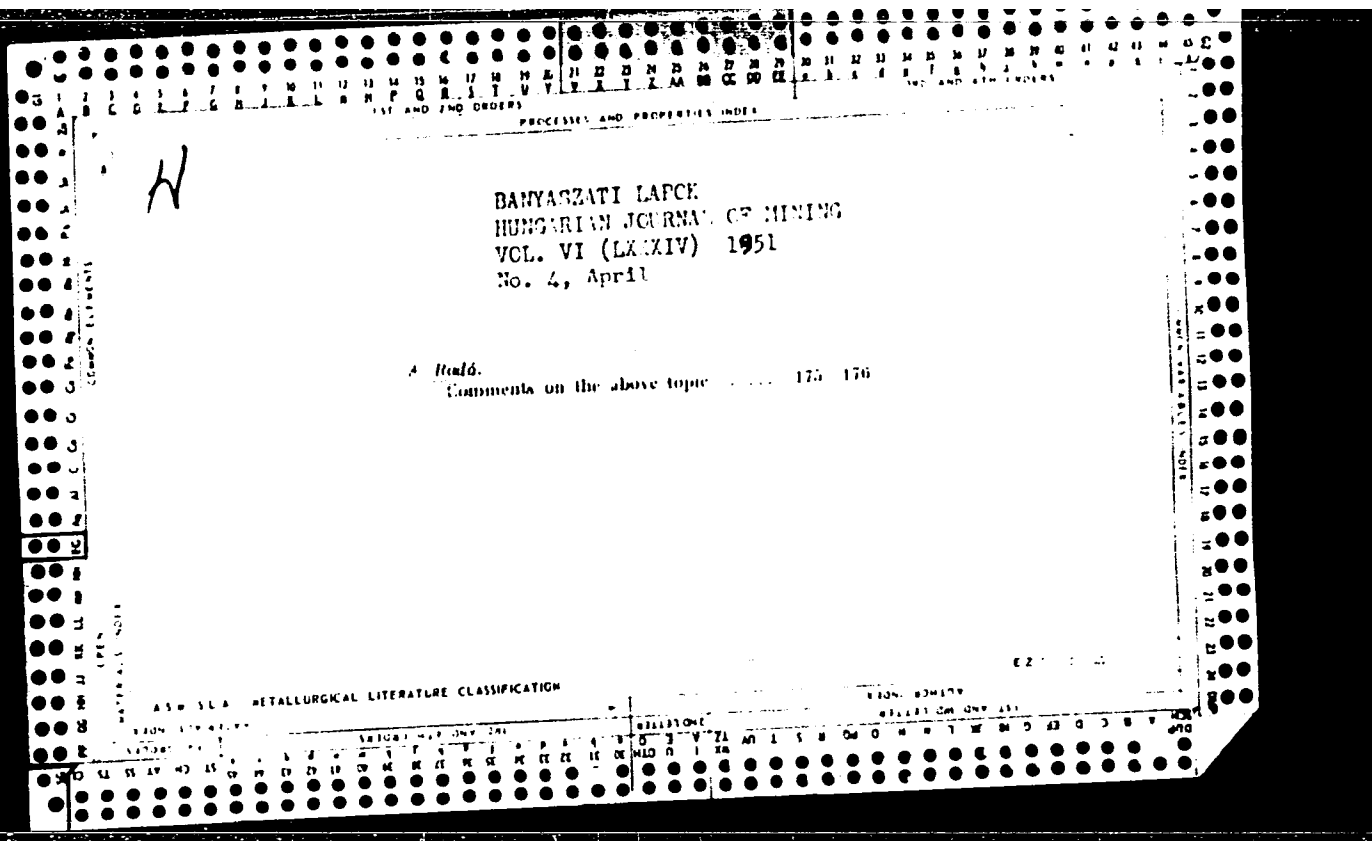
PROCESSES AND PROPERTIES INDEX

BANYASZATI LA OK
HUNGARIAN JOURNAL OF MINING
VOL. VI (LXXXIV). 1951
No. 3, March

A. Rish
For better exploitation of time in coal
mining II. 111 118

AS + S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

111 118



RADO, A.

"Problem of Economical Plant Management in Coal Mining." p. 13
(Tobbtermelés. Vol. 7. no. 12 Dec. 1953 Budapest.)

Vol, 3, no. 6
SO: Monthly List of East European Accessions. /Library of Congress, June 1954, Uncl.

RADO, A.

Information on the results attained by working committees of the Pecs Group of the Hungarian Mining and Metallurgical Society. p. 503. (Banaszati Lapok, Budapest, Vol 9, no. 9, Sept 1954.)

30: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Uncl

RADO, A.

RADO, A. - Banyaszati Lapok - Vol 19; no. 5, May 1955

Utilization of statistics of ten years in coal mining. p. 259

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

RADO, A.

RADO, A. Analyzing prime cost of coal production. p. 42

Vol. 11, no. 1, Jan. 1956

ANYASZATI IALOK

TECH NOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May, 1956

200, A.

...and policy in mining and its economic connections.

1. 215 (Magyar Nemzet és Keresleti Igények) Budapest
Vol. 12, No. 1, Jan. 1957.

Monthly Index of East European Acquisitions (MEI) Vol. 6, No. 11 November 1957.

RADO, Antal, dr.; HEINRICH, Jozsef; GYORGY, Bela, okleveles banyamernok;
HEGEDUS, Ferenc

Society news. Bany lap 93 no.1:68-71 Ja '60.

1. "Banyaszati Lapok" szerkeszto bizottsagi tagja (for Rado
and Hegedus). 2. "Banyaszati Lapok" foszerkesztoje (for Heinrich).

RADO, Antal, Dr., okozganda

Plan analysis in coal mining. Bany lap 95 no. 4:257-264, Ap '62.

1. Osztalyvezeto, Nehezipari Miniszterium, Banyaszati Ipargazdasagi
Fosztaly.

RADO, Antal, okl.banyamernok.

The operations in 1961 of the Research Department of the Pecs
Coal Mining Trust. Bany lap 95 no.4:280-281 Ap '62.

RADO, Antal, dr., okleveles kozgazda; JAGER, Gyula

Productivity factors, their measuring and appraisal in the coal industry. Bany lap 95 no.6:403-411 Je '62.

1. Nehezipari Miniszterium Banyaszati Ipargazdasagi Foosztaly, tervosztaly vezeto (for Rado). 2. Nehezipari Miniszterium Banyaszati Ipargazdasagi Foosztaly, statisztikai osztalyvezeto (for Jager).

RADO, Antal, dr., okleveles kozgazda; JAGER, Gyula

Development of the output in underground coal mining. Bany lap 95
no.12:826-832 D '62.

1. Nehezipari Miniszterium Banyaszati Ipargazdasagi Foosztaly
osztalyvezetoje. 2. "Banyaszati Lapok" szerkeszto bizottsagi tagja
(for Rado).

RADO, Antal, dr., okleveles kozgazda

Some economic questions relating to the maintenance in coal mining. Bany lap 96 no.7:450-456 J1 '63.

1. Nehezipari Miniszterium Banyaszati Ipargazdasagi Focosztaly osztalyvezetoje; "Banyaszati Lapok" szerkeszto bizottsagi tagja.

RDG, A.

Preparation of spectral color filters. p. 10. Vol. 2, No. 1 Jan. 1956.
REP 93 HANGTECHNIKAI Budapest, Hungary.

SOURCE: East European List, (EEL) Library of Congress Vol. 6, No. 1
January 1956.

RADO, A.

RADO, A. - Oszkar Sziman's Fenyszerzekeny anyagok tulajdonsagai es meresuk
(Properties and Measurement of Photosensitive Materials); a book
review. p. 139.
Vol. 2, no. 5, Oct. 1956.
KEP ES HANGTECHNIKA. Budapest, Hungary.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

RADC, A.

RADC, A. Some conclusions from analysis of fulfillment of the 1955 Plan by collieries.
p. 356.

Vol. 11, No. 6, June 1956
BANYASZATI LAPOK
TECHNOLOGY
Budapest, Hungary

So: East European Accession, Vol. 6, No. 2, Feb. 1957

RADO, A.

Exposure latitude. n. 11.

(Kép Es Hangtechnika. Vol. 3, no. 1, Jan. 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (REAL) LC, Vol. 6, no. 10, October 1957. Uncl.

RADO, Aurel; SZUCS, Miklos

1-phenyl-3-pyrazolidone investigations with special regard to color development. Kep hang 6 no.3:81-83 Je '60.

RADO, Aurel

Specific research methods in photochemistry. Kep hang 7 no.1:
6-8 F '61.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

RADO, Aurel

Regulating gradation by means of additional lighting. Kep hang
7 no.4:97-101 Ag '61.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

S/058/62/000/008/058/134
AC61/A101

AUTHOR: Radó, Aurél

TITLE: Study of the photographic action of some antifog agents

PERIODICAL: Referativnyy zhurnal, Fizika, no. 8, 1962, 27, abstract 80242
("Kép-és hangtechn.", 1961, v. 7, no. 6, 166 - 169, Hungarian;
summary in German)

TEXT: The mechanism and the principal rules of the action of antifog agents were investigated on two different types of emulsion - silver chlor-bromide and silver bromiodide. Benzotriazole, diphenyl iodonium nitrate, and 1-phenyl-5-mercapto tetrazole were used as the antifog agents. It became evident from a comparison of their action on sensitivity and fog that the necessary condition for their action was their adsorption on the AgHal surface, presumably on the sensitivity centers. The antifog agents, in being adsorbed on the sensitivity centers, do not disturb their normal functioning during the time of exposure, but prevent them from reaching the fog centers during storage. Since there exist several types of sensitivity centers differing in chemical nature and re-

Card 1/2

S/058/62/000/008/058/134

Study of the photographic action of some antifog agents A061/A101

actions, it has been specifically established that the adsorption of antifog agents is significant only for such sensitivity centers (more precisely, such emulsions) as are oxidized by potassium bichromate. In addition to inhibiting the formation and growth of fog, the antifog action also lowers the speed of both image and fog development. ✓

A. Kartuzhanskiy

[Abstracter's note: Complete translation]

Card 2/2

RADO, Aurel

Photocopying with new methods. Elet tud 16 no.10:299-302
5 Mr '61.

RADO, Aurel

Office blue printing. Musz elet 17 no.17:1,10 16 Ag '62.

RADO, Aurel

Photometric examination of colloid silver separated from silver complex solutions. Kep hang 9 no.1:1-5 F '63.

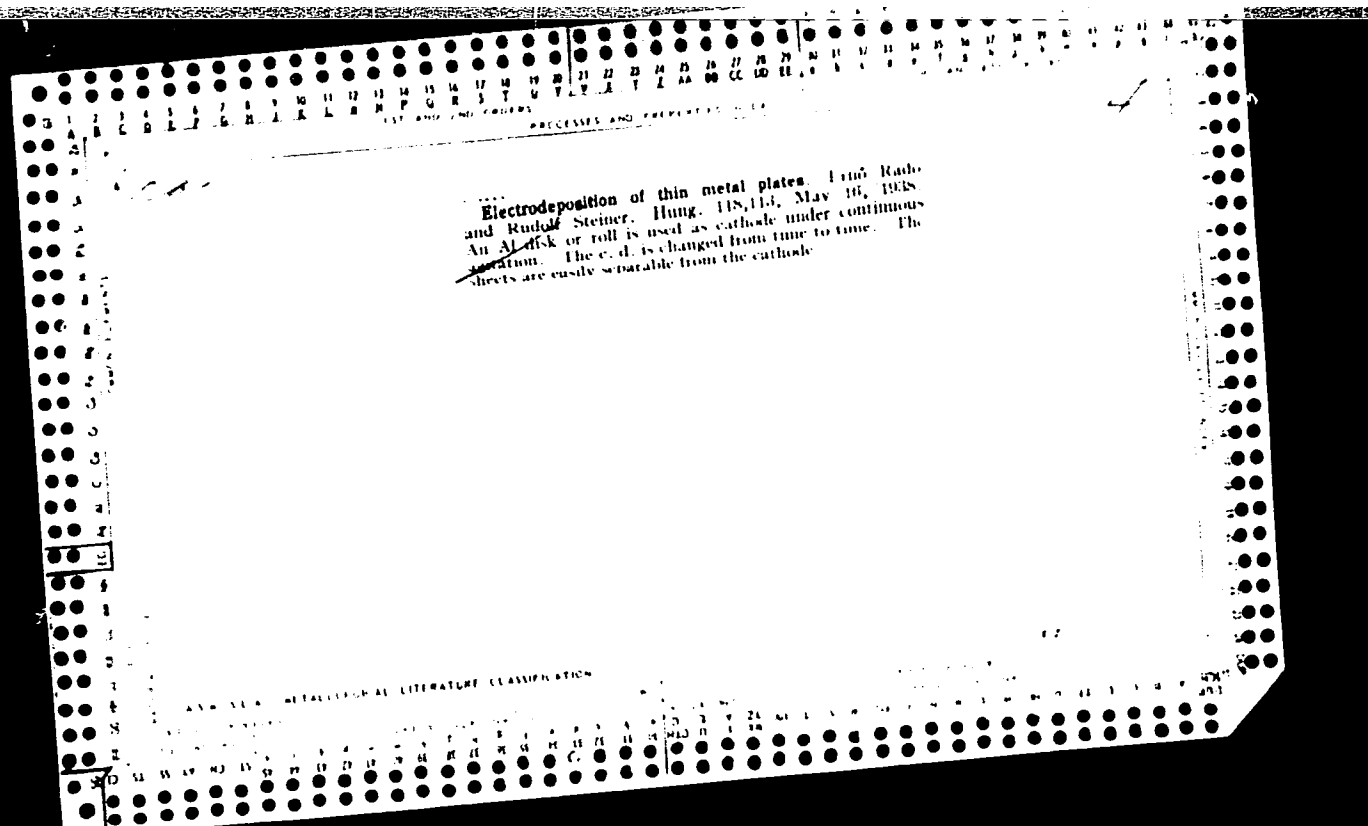
1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

RADO, C.

Tasks of planners in the Institute of Construction Planning in the second Five-year
Plan. p. 3

CONSTRUCTORUL, Bucuresti, Vol 8, No. 315, Jan, 1956

SO: East European Accessions list (EEAL) Library of Congress, Vol 5, No. 7, July, 1956



RADO, E.

SCIENCE

Periodicals: METROLOGIA APLICATA. Vol. 5, no. 5, Sept./Oct. 1958

RADO, E. Technique of light measurements in the process of motion-picture
reading. . 14h.

Monthly List of East European Accessions (MEAT) IC, Vol. 8, No. 2,
February 1959, Warsaw.

RADO, Fr.

RUM.

Calugăreanu, G., and Rado, Fr. Sur un problème de propagation de la chaleur. Acad. Repub. Pop. Romine. Bul. Ști. Sect. Ști. Mat. Fiz. 6, 17-30 (1954). (Romanian. Russian and French summaries)

Let D be a plane domain bounded by the closed analytic curve Γ . Assume the functions $p=p(\xi, \eta)$, $q=q(\xi, \eta)$, $r=r(\xi, \eta)$ are bounded integrable functions defined in D ; and $A(\sigma)$, $B(\sigma)$ are bounded integrable functions defined on Γ with A such that $\int_{\Gamma} A(\sigma) d\sigma \neq 0$. The authors show that for ϵ sufficiently small there exists a function $u=u(\xi, \eta)$ which in D satisfies the equation

$$[1+\epsilon p] \left[\frac{\partial^2 u}{\partial \xi^2} + \frac{\partial^2 u}{\partial \eta^2} \right] + \epsilon \left[q \frac{\partial u}{\partial \xi} + r \frac{\partial u}{\partial \eta} \right] = 0$$

and which on Γ meets the condition

$$\frac{du}{dn} = \epsilon [A(\sigma)u + B(\sigma)].$$

The solution u admits a representation of the form

$$u = u_0(\xi, \eta) + \epsilon u_1(\xi, \eta) + \epsilon^2 u_2(\xi, \eta) + \dots$$

F. G. Dressel (Durham, N. C.).

$\Gamma = \Gamma/W$

5

Partial Diff. Eqns

Heat Transfer

of
Goursat

RADO, FRANCISE

✓ Bal. Lascu, et Rado, Francisc. Deux théorèmes relatifs
à la ~~séparation des variables~~ d'une équation à cinq
variables. Com. Acad. R. P. Rouine 5 (1955), 285-
290. (Romanian. Russian and French summaries)
Necessary and sufficient conditions are given for the
equation $F(x, y, z, u, v) = 0$ to be solvable for v in the
form $v = \Phi[\phi(x, y, z), \psi(u)]$ or the form $v = \Phi[\phi(x, y, z), u]$.
The idea is to apply these results to the construction of
nomograms. D. H. Lehmer (Berkeley, Calif.)

RDO 7/21

Conditions for Linear Dependence of Three Functions
~~Rado, Francisc.~~ Conditions de dépendance linéaire
 pour trois fonctions. Acad. R. P. Rouine. Fil. Cluj.
 Stud. Cerc. Sti. Ser. I. 6 (1955), no. 3-4, 51-63. (Roma-
 nian. Russian and French summaries)

2
1-F/W

In this paper, the author shows that the functions $F(x)$, $G(x)$, and $H(x)$, defined and continuous for $-\infty < x < +\infty$, are linearly dependent provided that (i) they vanish simultaneously only at isolated points and (ii) they satisfy the equation

$$\begin{vmatrix} F(x) & F(x+h) & F(x+2h) \\ G(x) & G(x+h) & G(x+2h) \\ H(x) & H(x+h) & H(x+2h) \end{vmatrix} = 0$$

for all real x and h . [See the preceding review.] The result follows from the theorem that if

$$a_n = \begin{pmatrix} \alpha_n \\ \beta_n \\ \gamma_n \end{pmatrix} \quad (n=0, 1, \dots)$$

is a sequence of vertical vectors, with α_n , β_n , and γ_n real numbers satisfying $\alpha_n^2 + \beta_n^2 + \gamma_n^2 \neq 0$, and if the determinant $|a_{n-k} a_n a_{n+k}|$ vanishes for $0 < k \leq n$, $n=1, 2, \dots$,

then in the sequence $\{a_n\}$ there is a subsequence such that (i) the determinant formed by any three arbitrary vectors of the subsequence vanishes and (ii) of any two consecutive terms of the sequence $\{a_n\}$ at least one appears in the subsequence.

E. F. Beckenbach (Los Angeles, Calif.)

Rado, Felicia

Hungary/Electronics - Electron Microscopy, H-4

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35120

Author: Rado, Felicia

Institution: None

Title: Electron-Microscopic Investigation of Cellulose, Part I, The Electron
Microscope

Original

Periodical: Papir es nyomdatechn, 1956, 8, No 4, 122-124; Hungarian

Abstract: None

Card 1/1

RADO, Francisc

Functional equations in connection with nomography. Studii cerc mat
Cluj 9 no.1/4:249-319 '58. (EEAI 10:5)

1. Institutul de calcul al Academiei R.P.R., Filiala Cluj; Comitetul
de redactie, Studii s cercetari de matematica (Academia R.P.R.,
Filiala Cluj, Institutul de calcul), secretar de redactie.
(Functional equations)
(Nomography (Mathematics))

43326

S/044/62/000/011/003/064
A060/A000

AUTHOR: Radó, F.

TITLE: Approximate calculation of the extrema of a function

PERIODICAL: Referativnyy zhurnal, Matematika, no. 11, 1962, 4, abstract 11B10
(Matematika (RPR), 1961, v. 3, no. 1, 171 - 166; French).

TEXT: Let $f(x)$ a real function defined on the interval $I_0 = [a, b]$ have a unique minimum at $x = x_0$. The points $c, d \in I_0$; $c < d$. 1) If $f(c) < f(d)$ then $x_0 \in [a, d]$; 2) if $f(c) \geq f(d)$ then $x_0 \in [c, b]$. In the former case we shall denote the segment $[a, d]$ as I_1 , in the latter case the same notation will be attributed to the segment $[c, b]$. Let us choose a point $\xi_1 \in I_1$. The segment I_1 is divided by the points ξ_1, x_0 into three parts. The totality of the two contiguous of these portions containing x_0 we shall denote as I_2 . In this manner one constructs a sequence of segments $I_0 \supset I_1 \supset I_2 \supset \dots \supset I_n \supset \dots \supset x_0$. Evidently, such a sequence is not uniquely determined. A sequence of segments whose lengths we shall denote as l_n and which, defined by the points c, d , and ξ_n , is called optimal if for every different choice of the points c, d ,

Card 1/3

S/044/62/000/011/003/064

A060/A000

Approximate calculation of the extrema of a function

and λ_n one obtains a sequence of segments with lengths λ_n for which it is possible to find a positive integer N such that for $n > N$ the inequality $l_n \leq \lambda_n$ holds. The first theorem proven gives a method of constructing an optimal sequence of segments (using division by the mean and extreme ratio) and it is demonstrated that such a sequence is unique. $L(x_1, x_2, x_3; f|x)$ denotes the interpolation polynomial for $f(x)$ with three points x_1, x_2, x_3 . The value of x , at which $L(x_1, x_2, x_3; f|x)$ has a minimum, is denoted by d . It is equal to:

$$d = \frac{1}{2} \frac{(b^2 - c^2) f(a) + (c^2 - a^2) f(b) + (a^2 - b^2) f(c)}{(b - c) f(a) + (c - a) f(b) + (a - b) f(c)} \quad (1)$$

The process of constructing an optimal sequence indicated in theorem 1 is modified by means of interpolation polynomials and the abscissae of their minima. A function is called convex of the second order if at $a \leq x_1 < x_2 < x_3 \leq b$, $L(x_1, x_2, x_3; f|x) < f(x)$ for $x_3 < x \leq b$. A proof is given for theorem 2. If $f(x)$ is convex of the second order, differentiable on $[a, b]$ and $a < c < b$, $f(c) < f(a)$, $f(c) < f(b)$, then on the segment $[a, b]$ $f(x)$ has a unique minimum at $x = x_0$, where $x_0 \geq d$ (the number d being defined by (1)), the equality

Card 2/3

Approximate calculation of the extrema of a function · S/044/62/000/011/003/064
A060/A000

$x_0 = d$ being possible only when $d = c$. The author asserts that theorem 2 may be conveniently used for the numerical determination of extrema. There are no examples.

A.N. Cherkasov

[Abstracter's note: Complete translation]

Card 3/3

RADO, F. (Cluj, Rumania)

Generalization of spatial networks. Mat lapol 13 no.1/2:208
'62.

RADO, F., conf. univ. (Cluj)

Considerations on some problems of numerical analysis. Gaz mat fiz
14, no.9:449-465 S '62.

RADO, F.

Linear programming with logical conditions. Comunicarile
AR 13 no.12:1039-1042 D'63.

1. Comunicare prezentata de academician T.Popoviciu.

Rail, F.

Regular ternary tissues. Studio Univ B-B 1. Markings 9 no. 1
39-60 '64.

RADO, F. (Cluj, Rumanien); HOSSZU, M. (Miskolc)

A class of ternary quasi-groups. Acta mat Hung 15 no.1/2:
29-36 '64

1. Mathematischer Lehrstuhl, Technische Universität, Miskolc
(for Hosszu). 2. Recheninstitut der Akademie der Rumänischen
Volksrepublik, Cluj, Rumanien (for Rado). Vorgelegt von
G. Hajos.

RADO, G.; CSORE, F.

Individual work in lumbering. p. 51. (Az Erdo, Vol. 6, No. 2, Feb 1957.
Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

KORDA, Janos; LAZANYI, Henrik; NOVAK, Geza; RADO, Gabor

Shell-structure roadway for cranes. Magy ep ipar ll no.2:64-65
'62.

1910, 1920, and 1930.

Increasing the economy of wood material handling by reducing the loading time. Erdo 13 no.11:506-512 B 14.

1. National Main Directorate of Forestry, Economy, and Editorial board member, "Az Erdo."

RADO, Gyorgy, dr., irodalomtortenesz

When were Russian belletristic works first translated into
Hungarian? Elet tud 16 no.3:66 15 Ja '61.

RADO, Janos

DEVENTI, Pal; RADO, Janos

No translation. Orv hetil 95 no. 17:146-147 Ap '54. (REAL 3:8)
(INFECTIOUS MONONUCLEOSIS)
★

RADO, Janos, dr.

A case of Waterhouse-Friedrichsen syndrome of pneumococcal origin
in old age. Orv. hetil. 96 no.46:1284-1287 13 Nov 55

1. A Janos-korhaz (igazgato-főorvos: Bakacs Tibor dr.) II.
Belosztálynak (főorvos: Fodor Imre dr., az orvostudományok
kandidátusa) közleménye.

(WATERHOUSE-FRIEDRICHSEN SYNDROME

pneumococcal in aged, pathogen. & ther.)

(PNEUMOCOCCAL INFECTIONS

Waterhouse-Friedrichsen synd. in aged, pathogen. &
ther.)

(AGED, diseases

Waterhouse-Friedrichsen synd., pneumococcal, pathogen.
& ther.)

FODOR, Imre, dr.; KINCSESY, Antal, dr.; RADO, Janos, dr.

Diagnosis and pathology of perforated interventricular septum;
intravital observation, of two cases. Orv. hetil. 96 no.47:
1293-1300 20 Nov 55.

1. A Janos Korhaz (igazgato-foorvos: Bakacs Tibor dr.) II. sz.
Belosztalyanak (foorvos: Fodor Imre dr. az orvostudományok
kandidátusa) közleménye.

(CARDIOVASCULAR DEFECTS, CONGENITAL,
septal defects, intravital diag. & pathol.)

GONDA, Endre, dr.; RADO, Janos, dr.; KOVACS, Ervin, dr.

Venomotor tonus in circulatory diseases. Orv. hetil. 97 no.8:
205-210 19 Feb 56.

1. A Janos Korhaz (igazgato: Bakacs Tibor dr.) II. sz.
Belosztalyanak (foorvos: Fodor, Imre dr., az orvostudomanyok
kandidatusa kozlemenye.

(CARDIOVASCULAR DISEASES

circ. disord., venomotor tonus in (Hun))

(VEINS, physiol.

venomotor tonus in circ. disord. (Hun))

HAMMER, Sarolta, dr.; RADO, Janos, dr.

Pelger-Huet anomaly of leukocytes. Orv. hetil. 97 no.11:298-301
11 March 56.

1. A Janos Korhaz (igazgato-foorvos: Bakacs, Tibor dr.)
Laboratoriumnak (foorvos: Hammer, Sarolta dr.) os II. sz.
Belosztalyanak (foorvos: Fodor, Imre dr. az orvostudomanyok
kandidatusa) kozlemenye.

(LEUKOCYTES

Pelger-Huet anomaly. (Hun))

RADO, Janos, dr.; BLUMENFELD, Gyula, dr.; Barath, Ferencné es dr.
Szirom Istvanne technikai segedletevel.

ACTH therapy in cardiac edema refractory to novurit. II. Role
of tubular factors in hypochloruria and mercury resistance. Orv.
hetil. 98 no.16:408-413 21 Apr 57.

1. A Budapest Fovarosi Tanacs Janos Korhaz Rendelointezet
(igazgato: Bakacs, Tibor, dr.) II. sz. Belosztalyanak (foorvos:
Benceath, Aladar, dr.) kozlemenye.

(CONGESTIVE HEART FAILURE, ther.

ACTH in mercury sensitive & resistant cardiac edema, eff.
on mechanism of urinary chloride excretion (Hun))

(ACTH, ther. use

cardiac edema sensitive & resistant to mercury ther.,
eff. on mechanism of urinary chloride excretion (Hun))

(DIURETICS, MERCURIAL, ther. use

cardiac edema, eff. of ACTH in sensitive & resistant
cases & mechanism of urinary chloride excretion (Hun))